Silica Task Specific Written Exposure Control Plan

Date: _______________  Job Site / Location: __________________________________________________

Description of Task: ____________________________________________________________

How long will the task be performed per day: ☐ Less than 4 hours  ☐ Four hours or more

Location: ☐ Interior or enclosed work  ☐ Exterior work

Following Table 1 Requirements? ☐ Y  ☐ N  or Using Objective Data? ☐ Y  ☐ N

Engineering Controls to Be Used (Make/model): ________________________________________

Any deviation from Table 1 = air monitoring is required. Engineering controls must be used at all times!

☐ Water hose or spray can  ☐ Commercial dust collection system  ☐ Equipment maintained to minimize dust emissions

☐ Continuous water feed  ☐ Dust shrouds or cowls on tool  ☐ Ventilation ≥ 25 cfm/inch of wheel diameter

☐ Surfactant used  ☐ HEPA Vacuum w/ cyclone pre-separator/self-cleaning filter  ☐ Other: (Enter above)

Work Practices:

☐ Cleaned/spare filters  ☐ Power source available  ☐ Operator’s manual available

☐ Cleaned/spare hoses  ☐ Hoses with no holes, kinks, permanent bends, crushed  ☐ Shrouds/cowls fit correctly and not damaged

☐ Good connections  ☐ Monitor filters or water flow for effectiveness  ☐ Follow manufacturer’s instruction for filter cleaning/change out

☐ Water source available  ☐ Water/exhaust ventilation lines safe from damage  ☐ Other: (Enter above)

Respiratory Protection (APF = Assigned Protection Factor)

☐ No Respirator  ☐ NIOSH Dust Mask (APF 10)  ☐ ½ Mask with Particulate Filters (APF 10)

Procedures Used to Restrict Access to Work Area:

A restricted area (tape/signs) is required when operator or spotter must wear respirator. Containment, off-shift work or isolation is required when activity exceeds PEL.

☐ None needed  ☐ Barricades  ☐ Enclosures

☐ Signs/Tape  ☐ Notify/clear other staff  ☐ Off-shift work

☐ Spotters  ☐ Isolate area  ☐ Other: (Enter above)
Housekeeping: (Avoid dry sweeping and no using compressed air or leaf blower for housekeeping)

☐ Shop Vacuum for wet debris  ☐ HEPA Vacuum with self-cleaning filter for dry material  ☐ Clean dust-control equipment and tools prior to storage

☐ Water hose to clean surfaces/area/equipment  ☐ HEPA Vacuum for dust removal on clothing/equipment  ☐ Bag and dispose of disposable suits/gloves/mask/respirator filters after use

☐ Silica material from wet saw spray cleaned prior to departure  ☐ Dispose of vacuum bags/filters/debris in plastic bags/ tied  ☐ Other: (Enter above)

☐ Slurry, wet debris, dry fall or splatter cleaned periodically while wet  ☐ Slurry transferred to bucket/drums with sealed lid for removal offsite

Objective data use (Optional) – ☐ Y ☐ N (If yes, list air monitoring or other data)

(Objective data means information, such as air monitoring data from industry-wide surveys or calculations based on the composition of a substance, demonstrating employee exposure to respirable crystalline silica associated with a product or material or specific process, task, or activity. The data must reflect workplace conditions closely resembling or with a higher exposure potential than the processes, types of material, control methods, work practices, and environmental conditions in the employer’s current operations.)

Air Monitoring or Source Data: ________________________________

Conditions from the source data are equivalent to the work conditions? ☐ Y ☐ N

Additional Notes:

Person Completing the Control Plan - Signature  Print Name  Position or Title/Dept

Competent Person/Reviewer Signature  Print Name  Position or Title/Dept

Review this plan after work is completed & archive the document with EHS.

Note the review date and comments here: